

Table F-1. Predicted Maximum Concentrations of Various Constituents
at Metals Burning Pit^a

Constituent	Applicable standard ^c	Monitoring data maximum mean concentration	Predicted maximum concentration ^b					
			No action		No removal and closure		Removal and closure	
			1-m well	100-m well	1-m well	100-m well	1-m well	100-m well
Cadmium	1.0×10^{-2}	1.4×10^{-2} (well ABP 3)	(d)	(d)	(d)	(d)	(d)	(d)
Tetrachloroethylene	7.0×10^{-4}	1.5×10^{-3} (well ABP 2A)	2.2×10^{-3} (1980)	1.9×10^{-3} (1994)	2.1×10^{-3} (1980)	9.3×10^{-4} (2025)	(e)	(e)
Trichloroethylene	5.0×10^{-3}	4.8×10^{-2} (well ABP 3)	1.0×10^{-1} (1978)	9.1×10^{-2} (1989)	1.0×10^{-1} (1978)	6.8×10^{-2} (2000)	(e)	(e)

^aSource: Adapted from Pickett, Muska, and Marine, 1987. Concentrations are in milligrams per liter.

^bNumber in parentheses represents year in which concentration was reached or is expected to be reached.

^cEPA, 1985a,b, and EPA, 1987.

^dConstituent did not meet threshold selection criteria for PATHRAE modeling.

^eNot modeled because the contaminants of concern are assumed to have leached beyond the zone of excavation by the time remedial action would occur.

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